

J79 Marked by Low Lead Time

Winged Missile Data Analyzed





...reveals the acknowledged superiority of KAYLOCK.



Full strength
 Full strength
 Internal or external wreaching
 Lowest bright
 Individe researchility
 Most question locking forque
 Extra block tourserniture

One Raylook likk Not meets requirements of the Novsenal Aircraft Standards; 6 479 Low Height Net, NAS 8 Beer Net; also aggreend all three Air Force-Navy shards; ANSS High Tentor Nat, AN 344 Shear Net, SCG Standard Her Not.

SPAWNING GROUND

for a rocket's fury

By the time you read this message, the large reclair nearer care shows here—while but from heat treeting with a standing ready, loaded with solid propelline, pained to read a gailed minute skyward. Once it has been tricerred into autom, this reader wall.

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Two laterating facts how this cut

(1) Goodpare Asserts: has produced more large timnodat cover then any other reasolactorer—proofily more than all cordinols.

(2) Coulyur Manufit enistates one of the largest facilities available to this country for the creating production. And those facilities are currently completing a large expansion.

Early in Conferent Alternity devaluated the basic during

county which made these large lightweight recienpossible-engineering which slighted the neight of the cases up to 50%. Swemmy:

Process skills, not sed veried experience, complete feethins and ready and hiddley make Goodyner Alexent the surest thing in rechest. Write: Goodyner Alexent Comportune, Days. 921AE, Alson 15, 665c.

Plants in Abron, Ohio, and Litchfield Park, Arizona

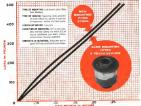


They're doing big things at
GOOD YEAR
AIRCRAFT

Reuseding Coroces for Engineers

what is the life expectancy

of a LORD vibration mounting?



► five-year service results in little change in isolation efficiency seems to bring it to Long-the leader on engineering when-How long do Lone bended rubber mountains ratus them her course and boaded rubber products. Control woor

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AFIATION WEEK . MAY 27, 1957

Jane 17.19-Natural Computor on Mile





Ceed in shalldess steel, this openie may for

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contacting Leboson Steel Foundry during its british design. phase. Our superior knewledge and experience as available to yes at the time when they one most effectively assessed The most difficult easing requirements-close toleranees, smooth surfaces. General accuracy, antricate metal sections and external integrity-are being met duly at Lebanon, and

Send us your blueprints. Our foundry engineers welcome the opportunity to share their experience with you. Write for Laborate's Design Fale "F"







DOCKBESTOS PRODUCTS CORPORATION NEW HAVEN 4, CONNECTIONS

AVIATION CALENDAR

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Aug. 2029-Western Electronic Store of

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TOTALOW THROUGH*



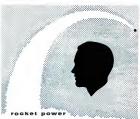
He expects more ... and rightly so! close surplier-user cooperation in essential

Although Narwey trapects and tests

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characteristics data on the specific material he received. This represides in analyzing his own handley, starage, and use of the product and rantonale when solving "stableem" production control mahleme This unusual customer service "olar" is another important element in Narmon's assistance to the marefurterer ... another renors why more and more Names products are being used in the airfusine and swoole industry ...

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SWISSAIR, veteras sa Sicuriacor training, seicead the DC-8 equipment by Curtiss-Whight on

Pioneer of flight simulation in 1948, Corticoin service or in production. This unpossibled experience on Namintons for every type of strendt is reflected in the experior fidelity, lature built by Curton-Wright, The cost reductives and increased over efficiencies musician from the use of Simulators holly for



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on Convair's B-58

where machines can't reach he wing and stabilizer skins

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Tools now as populative shade week association at ESCM A complete engineering, booking and laboratory research shift is ready to belo you agely chemical



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FOR ANY MISSILE, ANYWHERE ...CREATIVE ENGINEERING BY CLEVELAND PNEUMATIC

Our Special Proteon Division designs and builds buseting sounds, tran towers, ground towersom velocity, and using edentes for almost top and models, asymbols. What do we know above ground support devices for mission?

Size 1934, Clevidad Faussian has been developing and building embloming devices largues absorbers ... senerated units for large and combernance looks Our alless on record a smoot vehicles and structures for minister.

are firmly hased on 33 years of experience.

May we call on you soon to discuss your angests and as ground.

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May 27, 1922

Editorial Officer

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NEW YORK ... N. J. Str. S. S. Street, DECEMBER OF A SINGLE AS WITH And CHARGED Holison Workson. ORDERTON MARKET J E primer DESCRIPTION NAMED W. V. CURVE.

AVIATION WEEK, May 27, 1927

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AVIATION WEEK

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69,692 comes of this man extend AVIATION WHEE . May 07, 1957 a. Val. 44 May 49

Monkey ARP and ASC

Letters 116





Rigidity! At equal weight, magnesium is 18 times stiffer than steel

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YOU CAN DEPEND ON



EDITORIAL

Are We Wasting Precious Airspace?

One of the rent sensitive sees covered by the first wanters with the ner traffic control problem change the

"What we have overlooked was the possibility that this represely lightless occur of an might be quickly

Unilateral Military Claims

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Changing Needs

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The Carts report recommends setten on the problem "That the development of loss many all union plans.

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-Robert Hotz



CHR's high tear strength silicone rubber picked for 707's major door and window seals These saids are duced by \$56, will resist tear, abresian parameterion and, weathering, sticking, -100°F, to 400°F.

search These CRR community at the

writing speed around CRR's conand AMS 2241 and 2246 were written areund CHK's CONSTITUTE BY but of CORNASS WT alleans rubber.



In the Front Office poston of Americ, Inc., Walterfood, Iontho Kiell, escuive our product and possed manager, Lincoln Engineering Co., St. Earne, Mo.

WHO'S WHERE

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Honors and Elections Lawrence A. Helped, since paradous and

Thomas A Heren, server propert engineer Rost Adm. Solden B. Spengler, USN. Commando, U.S. Navil for Development INDUSTRY OBSERVER

*Convenue Aircraft is considering production of a jet executive transport Figures Base layer at lamber his been removed with a extentible effective rende. Effective mare, with two columbian, is about 5.500 pp.

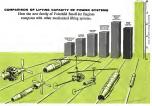
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* Republic Assiston is constructing a tradem venion of its F-125 Thundersalar, also has proster rouge then referred, con root terrets which pair shade P Warning device to milicate incaparat patchap condition in one high used and altitude organics in long mutified on the Lockhord F-104. Suck will setomotically convert even if pilet tash to notice receipts. P. Cormonous two policy copolify of operation at frequencies as high as \$1.128. P. Asser is rolong industry to retreat percents for a tactical uscale with a range of 750 cm., 550 cm beyond the range head respond on the sweet by

► Rell H 40 heleopter can entry a total of 12 temps us two external pod-* Depart in paragine a same takent device for on Name III administra one used by Murra's Metalor nessile. Two IATO weits of appropriately Mach Lit. Later model will have an Alan 9 engine of over \$1,000 in threes.



SMALL JET ENGINES... CHAMPION WEIGHT LIFTERS



An entirely new family of six costs will enclud from a new family of small lightweight jet cognies now under development at the Parceloid Supra Division. These new conventions will furnary incombably high function and result biffice.

Highly conject, with low forced areas, the small jet engage, self-driver these found in the natural jet is to 4 with a lang, range portunal of more than 10 to 1. They will be used in the high performance, lightweight transver, microspore, large drivens, publishes similarly activate jet interspectable share possumper and craps jets of the structure traver. They will also be used to power affects and willing out of the structure traver. They will also be used to power affects and will appear and crawleys used to increase in several and was get Short Talke Off and Landing (VTOL) justicest periodic.

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ENGINE DIVISION

- Washington Roundup -

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notice Board (AW Apr. 5, p. 26) Senuto Commence

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Mag Gen. Robert B. Laudo, to institut deputs charf stall, posternel, replacing Mr.; Can. William S. Stone. —Weshington Stall

Subcontractors Face Stiffer Competition

Military anticipates fewer primes, excess space, as emphasis swings from airfromes to missiles. Br Claud: Witter

Airframe Decline

*Al passed, radiate products he a peak of 5.5 suffices its a month Manufacturers Warned

ended marks in being harmond by a

New subcontraction policies must be

Primes' Blechneic Effort

AMATICH WITE, New 27, 1937

Open Cycle Takes Nuclear Engine Lead By Robert Custmen

General Electory open stells X211 temperature of 2,0007 parkt to be GF, following the supersited resigns

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AVIATION WITH, Pay 27, 1957



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Military Procurement Funds

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II. S. Aims Sales Effort at Paris Show USAF pertupaten will sectors

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Also included in the exhibits see a KC 97 tooler. French hope the B-52

French Prototypes



PRENCH probabyes displayed politicly for the first time at the Pren. Air Show include Stall Avadou's Later vectors of the Secondary. brander lave searches. Eurodeur is in entry in NATO lightweight fights competition, and an order military deconstration (which sociated field in UNIF No. Arthur Norse: a member of the Manual Verspore Development Terre, it flew one; and alestated togethe



FARMY photo of British SR. 55 technick interceptor shows deal talkpass for Vigor tarkeyst engine and Specter model regime British Rocket Fighter Makes First Flight

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AVAILON WEEK, May 27, 1557

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Erco Develops KC-135 Flight Simulator



STRATEGIC AND COMMAND place began a choice of a MC 101 Hight Simulator



Laboratory, Ogden Art Material Area from the works to two works. Socret.

What we have learned in the oir-we apply or the ground. See these snowmobile-type vehicles: they are a solution to an unique problem of transport over trackless territor through snow, muskes, sand or water, and were Canadair-developed and manufactured for the Canadian Armed Forces

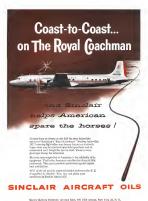
And Canadair's research and development division is ready to undertake other special jobs in many fields, such as: research, development problems, custom decions.

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PASTESCEOR (2010) problems for public at pour at 10 M.



Convair Sees Trend To Avionios Missiles See Dano-Too official of Convols

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Ramjet Bomarc Has Tip Control Surfaces



ANATION WEIS May 27, 1927



AIR TRANSPORT

Military Poses Threat to Civil Route Plan

Growing air-page areas reserved for the military draw girline fire, block jet airways proposals.

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Airline Traffic - First Quarter 1957

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Wing Flap Error Blamed in DC-6 Crash

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World's largest, fastest, quietest turboprop airliner reduces noise levels to a new low

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The Britism's curper-up to 135 pursuance at accompany

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AMAZDON WITH May 27, 1957







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A SPECIAL BREED OF CAT...



AMERICAN MACHINE Co., INC.

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AVIATION WEEK, May 27, 1957





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LOCKHEED California Divinion

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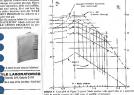




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Operation Business Flying





Operation Business Flying

A special report for Champion Swark Plus Company





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AVAILON MEET, May 27, 1947

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ANADON WER, May 27, 1917

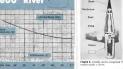
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quality grown that "streeth up" ander at find he hast and water. Zerb fortiers one these string quarte loans easy talking et

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NOW, Cherry Rivet announces the L-STRENGTH EMPERATURE "600" Rivet *



Another pew product by CSIERRY RIVET seconds and develop-Hi-Speed Aircraft and Missales,

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For additional data on the new Cherry "NOO" Huldwards. Mu-

CHERRY RIVET DIVISION Townsend Company ESTABLISHED HELE & ADM EMBERGE, EA In Consider Fermanter & Stallant Attendenturing Company, \$14, Commercial, Original



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ANADON WHE, May 27, 1957

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CHERRY "700" Aircraft Bivet Gives More Effective Fastening

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CHERRY RIVET DIVISION

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Work Begins on First IRBM-ICBM Base

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13 more VISCOUNTS ordered by TRANS-CANADA AIR LINES

Mr. Gorden McGroun, Frenchest of Trans-Canada Air Lanes, appropries that TCA is selding therees new Victors Viscounts to their fleet. Since their initial order for \$5

Why TCA bought more Viscounts...

In TCA's first year of Viscount service, its ever-all load

turbo-prop VICKERS

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OAKITE COMPOSITION No. 74

... cleans planes from nose to tail



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MATERIAL and SUBMACE PROSPET The ease of assembly is also affected by partyrials and facilities. The follow-2. Finish key pulterer produced by owners tooly and prohappers need. 4. NMS rear/age fixed toolses

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insure peak efficiency for 400-cycle electrical system on KC-135 Stratotankers

the performance of per combat arounds to provide frater, more efficient refugire. This, in term, extends the posternal striking range of both fighter and bomber aroust. The Stratourker's 400 cycle, automatic, paralleled electrical system is driven directly from the engines by Sundrand Constant Speed Drives Reliability inherent in the custom flight capability. Application of Sundament Drives to provide the Strato tasker with a high-expucies, stable electrical system results from the



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CONSTANT SPEED DRIVES . AIRCRAFT ACCESSORIES



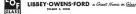
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AVATION WILK, May 27, 1957

selects **LINK** simulator to train **ELECTRA** pilot: To insure the highest training streeters for prices of its furtheorates Louisheed Fleetras, National Astines—the Author of the Stars—his ordered a

Link members for su Electra flight sweeing program.

BINGHAMTON, NEW YORK

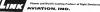




















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WANT A RETTER ALLIMININ CLEANED FOR HISE IN

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ADVANTAGES OF SPRAY-ALTREX: a lighthful will not result absolute managing to a Rosephanel detergency for removed of shop dist.

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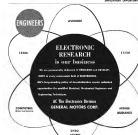
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